

## CYLINDER LOCK WITH PROGRAMMABLE KEYWAY

### Abstract

5        A core having a plurality of pin bores penetrating from the core  
surface to the keyway, and a plurality of activator pins and filler pins, such  
that the installer can locate one or more activator pins in any of the pin  
bores, and one or more filler pins in any of the remaining bores, to thereby  
define a code to be provided in the respective flank or flanks of an  
10 authorized key. Preferably at least three bores are provided on at least one  
side of the core; especially preferred are five pin bores on either side of the  
core fitted with a pattern of activator pins and filler pins, whereas a sixth pin  
bore on each side, closest to the back end of the core, is fitted with a  
blocking pin. In various embodiments, the present invention is directed to a  
15 programmable cylinder lock system, a programmable core for a cylinder  
lock, a core kit by which the installer can program the core in the field, and a  
novel key adapted to be used with the programmable core.

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